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CR-145757

Investigation Title:

Utilization of Skylab (EREP) System  
for Appraising Changes in Continental  
Migratory Bird Habitat.

EREP Investigation No.

486

Period Covered:

October 1975

NASA Contract No.

T-41148

USDI Contract No.

14-16-0008-802

Principal Investigations Management Office:

Lyndon B. Johnson Space Center  
Houston, Texas 77058

Technical Monitor Name:

Mr. R. E. Joosten

Principal Investigator and sponsoring institution name:

Dr. David S. Gilmer  
Northern Prairie Wildlife Research Center  
U. S. Fish and Wildlife Service  
Jamestown, North Dakota 58401

Type of Report:

Monthly Progress

Overall Status:

The machine processing of multispectral S-192 data under this task is nearly complete. Proportion estimation processing has been accomplished for a 280 km<sup>2</sup> (108 square mile) site using data in a conic scan format. The resultant product is to be converted to a straightened line format and the results displayed using a general purpose computer printer. Statistical summaries on pond numbers and areas will also be prepared from these data. We anticipate that these procedures will be completed within one week. Other data processing has been complete and a written report is now being prepared.

Recommendations for Action:

None

Expected Accomplishments During the Next Reporting Period:

All processing will be completed and preparation of a final report draft is to be accomplished.

Significant Results:

All results and analyses will be reported in the final report currently in preparation.

(E76-10065) UTILIZATION OF SKYLAB (EREP)  
SYSTEM FOR APPRAISING CHANGES IN CONTINENTAL  
MIGRATORY BIRD HABITAT Monthly Progress  
Report, Oct. 1975 (Northern Prairie Wildlife  
Research Center) 2 p HC 63 56

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**Summary Outlook:**

**We expect to complete this program and submit a review draft near the end of November.**

**Travel Summary and Outlook:**

**No travel was undertaken as part of this program effort during this reporting period nor is any travel contemplated for the remainder of this program.**